

**LOT CLOSURE CALCULATIONS**  
FOR  
**MERIT HOMES, INC.**  
**MIRA SHORT PLAT**  
10-27-2015

**LOT 1**

	North: 5339.5278	East : 5451.0695
Line Course: S 00-23-04 W	Length: 87.96	
	North: 5251.5698	East : 5450.4793
Line Course: N 89-24-14 W	Length: 81.86	
	North: 5252.4215	East : 5368.6237
Line Course: N 00-23-04 E	Length: 87.96	
	North: 5340.3795	East : 5369.2139
Line Course: S 89-24-08 E	Length: 81.86	
	North: 5339.5255	East : 5451.0694

Perimeter: 339.63    **Area: 7,200 sq. ft. 0.17 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0024	Course: S 00-35-49 W
Error North: -0.00238	East : -0.00002

**Precision 1: 141,516.67**

**LOT 2**

	North: 5340.6949	East : 5295.9504
Line Course: S 89-24-08 E	Length: 69.56	
	North: 5339.9692	East : 5365.5066
Line Course: S 00-23-04 W	Length: 87.96	
	North: 5252.0112	East : 5364.9164
Line Course: N 89-24-14 W	Length: 69.98	
	North: 5252.7393	East : 5294.9402
Line Course: N 00-39-27 E	Length: 87.96	
	North: 5340.6935	East : 5295.9495

Perimeter: 315.46    **Area: 6,136 sq. ft. 0.14 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0017	Course: S 29-20-14 W
Error North: -0.00147	East : -0.00082

**Precision 1: 185,564.71**

**TOTAL**

	North: 5452.6340	East : 5452.5218
Line	Course: S 00-23-04 W	Length: 87.96
	North: 5364.6760	East : 5451.9316
Line	Course: N 89-24-14 W	Length: 151.83
	North: 5366.2556	East : 5300.1098
Line	Course: N 00-39-27 E	Length: 87.96
	North: 5454.2099	East : 5301.1192
Line	Course: S 89-24-08 E	Length: 151.41
	North: 5452.6302	East : 5452.5209

Perimeter: 479.17    **Area: 13,336 sq. ft. 0.31 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0039    Course: S 12-26-17 W

Error North: -0.00385    East : -0.00085

**Precision 1: 122,861.54**